

Title (en)

CONTACT ELEMENT FOR PLUG ARRANGEMENT

Title (de)

KONTAKTELEMENT FÜR STECKERANORDNUNG

Title (fr)

ÉLÉMENT DE CONTACT POUR ENSEMBLE CONNECTEUR

Publication

EP 2577805 A1 20130410 (DE)

Application

EP 11722469 A 20110601

Priority

- CH 8982010 A 20100604
- EP 2011059085 W 20110601

Abstract (en)

[origin: WO2011151393A1] A contact element (1) is used for mechanically clamping an electric connection of a cable to the contact element (1). The cable (5) comprises stranded wires (51) and an insulation (50) that encases the stranded wires, said stranded wires (51) being exposed in a stranded wire section (51) and being encased by the insulation in an insulating section (50) that adjoins the stranded wire section (51). The contact element (1) comprises a receiving section (2) for receiving the cable (5) and a clamping lever (4) that is movably connected to the receiving section (2). The clamping lever (4) comprises a first clamping section (40) and a second clamping section (41). The first clamping section (40) comes to rest in a contacting region (23) of the receiving section (2), an electric contact being arranged between the stranded wire section (51) and the contact element (1) in said contacting region. The second clamping section (41) comes to rest in a clamping region (22) of the receiving section (2), the insulating section (50) being mechanically clamped in said clamping region.

IPC 8 full level

H01R 4/48 (2006.01); **H01R 4/50** (2006.01)

CPC (source: EP)

H01R 4/4821 (2023.08); **H01R 4/483** (2023.08); **H01R 4/4835** (2023.08); **H01R 4/4852** (2023.08); **H01R 4/5008** (2013.01); **H01R 13/187** (2013.01); **H01R 13/5804** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011151393 A1 20111208; CN 102934287 A 20130213; EP 2577805 A1 20130410

DOCDB simple family (application)

EP 2011059085 W 20110601; CN 201180027701 A 20110601; EP 11722469 A 20110601